

# TrapServer<sup>™</sup>

by SchoRen NMS Solutions, LLC

## AreaViewer

**View your Network's Operational Status at a glance**



AreaViewer with  
Browser Enables  
users to quickly  
assess  
System Status!

AreaViewer is a Graphical User Interface (GUI) that is configured to provide a visual indication of the monitored system. Depending on the size of the system, these icons represent either Area (containing sites and devices, also defining areas of responsibilities), Sites (containing devices) or the specific device. Lower window levels can include Area (containing Site, device and entity). Each level can have its own map/drawing /picture/photo assigned to it. Icons represent the status of the site with color representing the alarm priority assigned (Color of highest alarm over-rides lower alarm priorities) with flashing Icons representing newly received alarms.

AreaViewer also provides the capability of Area-of-Responsibility (AOR). AOR will filter Areas and Events based on the login user and filter forwarding of traps (TrapForwarding) based upon Area, Site, and Equipment configuration. This feature enables Enhanced Email & Paging described within "Email Paging Manager".

Contact SchoRen NMS Solutions for additional information

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## Standard TrapServer™ Features

Craft Access to Network Elements  
ANSI based SQL DB  
SNMP (V1 & V2) trap Forwarding  
SNMP (V1 & V2) trap monitoring  
Site Derived Alarms  
Priority Filtering  
Alarm Forwarding

SNMP Poll MIB Objects  
Browser Access to ""Ack"" Event  
Dial-Up Remote Access Monitoring  
Browser Accessed Standard Reports  
Multiple Alarm Priority  
Alarm Reminders  
Redundancy with Automatic Fall Over

## Optional TrapServer™ Features

TL1 Fault monitoring  
Automated TL1 Session Establishment  
TL1 Detailed monitoring  
TBOS Monitoring  
Modbus Protocol Support  
Badger 481 RTU Protocol Support  
Larse (Badger 1200) RT Protocol Support  
MCS-11 Protocol Support

Email Notification and Email "ACK"  
Paging (Alphanumeric/Beeper) Notification  
Trouble Ticket Generation  
Customizable Reports  
ASCII monitors or ASCII Manager  
Scheduler in ASCII Manager for polling monitored devices  
Module Library of intelligent Interfaces

## TrapServer™ Benefits:

- ✓ **Supports any Network Element (NE)** based on Non-Proprietary (e.g., SNMP, TCP/IP, PPP, telnet, ASCII, TBOS, TABS, ping, MODBUS, etc.) or Proprietary (Badger 481, Larse & MCS-11 Protocol) architecture for trouble resolution, locating and automated dispatch.
- ✓ **Translates** all NE reported events into SNMP and forwards to other managers.
- ✓ Provides **automated** notifications to minimize the probability of alarms from being "lost in the crowd" of an over-worked NOC.
- ✓ Is a **local archive** for all reported equipment activity.
- ✓ Cost-efficient, **one unit solution** for entire Network.
- ✓ Saves labor through **ease-of-use** and **ease-of-configuration** resulting in labor savings.